

XiA-Series Loudspeakers
EV Dx38 Digital Parameters

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Rev. 2.0 10/24/2000

Dx38 OS Rev.: 0.90

File: Dx38 Form

Loudspeaker System		Xi-2153A VBS						Xi-2153A Conventional 3-Way					
Notes		With Sub change LO HiPass to: LR24 @ 80Hz Change AllPass to: 116Hz, 2nd Order, Q= 0.8 For Theater X-Curve, set IN 1 Filter 5 level to -6dB						With Sub change LO HiPass to: LR24 @ 80Hz Change LO LoPass (out 1) to: 160Hz Change MID HiPass (out 2) to: 160Hz Change LO Output Delay (out 1) to: 1042uS For Theater X-Curve, set IN 1 Filter 5 level to -6dB					
Programmer: 1st Rev. - Last Rev.		Steve Jakowski 03JUN04						Steve Jakowski 03JUN04					
Assign- ments	Frequency Band	FR	FR	LO	MID	HI		FR	FR	LO	MID	HI	
	Connector	IN 1	IN 2	OUT 1	OUT 2	OUT 3	OUT 4	IN 1	IN 2	OUT 1	OUT 2	OUT 3	OUT 4
	Input Source Routing			IN 1	IN 1	IN 1				IN 1	IN 1	IN 1	
	Filter 1 Type			PEQ	PEQ	Bypass				PEQ	LOSLV	Bypass	
	Filter 1 Freq. (Hz)			112	240	*				112	240	*	
	Filter 1 Q/Slope (Q,dB/Oct)			4.0	2.4	*				4.0	6dB	*	
	Filter 1 Level (dB)			-4	+2	*				-3	+4	*	
	Filter 2 Type			PEQ	PEQ	Bypass				PEQ	PEQ	Bypass	
	Filter 2 Freq. (Hz)			270	700	*				188	700	*	
	Filter 2 Q/Slope (Q,dB/Oct)			4.0	3.5	*				4.5	3.5	*	
	Filter 2 Level (dB)			-5	+7	*				+4	+8	*	
	Filter 3 Type			HISLV	PEQ	PEQ				PEQ	PEQ	PEQ	
	Filter 3 Freq. (Hz)			600	700	6.6K				260	700	6.6K	
	Filter 3 Q/Slope (Q,dB/Oct)			6dB	8.0	3.5				4.5	8.0	3.5	
	Filter 3 Level (dB)			-6	-6	-4				-4	-7	-4	
EQ Filter Block	Filter 4 Type		Allpass	LOSLV	HISLV					LoPass	PEQ	HISLV	
	Filter 4 Freq. (Hz)		156	600	6.0K					300	160	6.0K	
	Filter 4 Q/Slope (Q,dB/Oct)		2nd	12dB	12dB					12dB	4.5	12dB	
	Filter 4 Level (dB)		Q:0.9	-6	+6					1.0	-3	+6	
	Filter 5 Type	PEQ						PEQ					
	Filter 5 Freq. (Hz)	20.0K						20.0K					
	Filter 5 Q/Slope (Q,dB/Oct)	0.4						0.4					
	Filter 5 Level (dB)	0						0					
Crossover	HP Resp (Type,dB/Oct)			BW24	LR24	LR24				BW24	LR24	LR24	
	HP Frequency (Hz)			50	125	1.76K				50	125	1.76K	
	HP Polarity (Norm/Inv)			INV	NORM	NORM				INV	NORM	NORM	
	LP Resp (Type,dB/Oct)			LR24	LR24	12Q1.5				LR24	LR24	LR24	
	LP Frequency (Hz)			600	1.76K	16.0K				125	1.76K	12Q1.5	
	LP Polarity (Norm/Inv)			INV	NORM	NORM				INV	NORM	NORM	
Delay	Input Delays (mSec)	1.9	1.9										
	1+2 Input Delay (mSec)		1.9										
	Output Delay			0	0	1104				208	0	1125	
	Output Delay Unit			uS	uS	uS				uS	Us	us	
Compre- sor	Comp Thresh (dBu)												
	Comp Ratio (X:1)												
	Comp Attack (mSec)												
	Comp Release (mSec)												
Limiter	Limit Thresh (dBu)			+2	+1	-3				+2	+1	-3	
	Limit Release (mSec)			80	50	50				80	50	50	
Output	Level (dB)			0	-5	-10				0	-5	-10	
	Polarity (Norm/Inv)			INV	NORM	NORM				INV	NORM	NORM	
Knobs	Input	0	0					0	0				
	Output			-6	-6	-6	-6			-6	-6	-6	-6